

DOMASHENKO, Yu., kapitan

Operating the icebreaker "Dobrynia Nikitich." Mor. flot
24 no.2:24-25 F '64. (MIRA 18:12)

1. Ledokol "Dobrynya Nikitich".

SMIRNOV, B.V., ~~ing.~~ tekhn. nauk; DOMASHENKO, Yu.N., inzh.

Assembling precast elements of a new-type industrial building.
Prom.stroi. 39 no.8:23-29 '61. (MIRA 14:9)
(Moscow--Precast concrete construction)

Domasheva, A.A.
POSPELOV, A.G.; ZAPROMETOV, N.G.; DOMASHEVA, A.A.; NIKITINA, Ye.V.; red.;
TSYBINA, Ye.V., tekhn.red.

[Fungi of the Kirghiz S.S.R.] Gribnais flora Kirgizskoi SSR.
Frunse, Izd-vo AN Kirgizskoi SSR. No.1. [Systematic list of
species and geographical distribution] Sistemicheskovo-vidovoi
sostav i geograficheskoe rasprostranenie. 1957. 128 p.
(Kirgizistan--Fungi) (MIRA 11:6)

TKACHENKO, Georgiy Masiyevich; DOMASHEVICH, O., red.; KALECHITS, G.,
tekhn.red.

[Sharkovshchina Artificial Insemination Station serving several
collective farms] Sharkovshchinskaya meshkolkhozskaya stantsiya
iskusstvennogo osemeneniya shivotnykh. Minsk, Gos.izd-vo BSSR.
Red.sel'khoz.lit-ry, 1960. 29 p. (MIRA 14:3)

1. Glavnyy veterinarnyy vrach Sharkovshchinskogo rayona (for
Tkachenko).
(Sharkovshchina District--Artificial insemination)

KRYLOV, Mikhail Platonovich [Krylou, M.P.]; DOMASHEVICH, O., red.;
KALECHYTS, G. [Kalechyts, H.], tekhn. red.

[How we reduce pork costs] Iak my znizhaem sabekosht svininy.
Minsk, Dziarzh.vyd-va BSSR. Red. sel'ekhaspadarchai lit-ry, 1960.
30 p. (MIRA 14:12)

1. Predsedatel' kolkhoza "Iskra" Volkovyskogo rayona Grodnenskoy
oblasti (for Krylov).

(White Russia—Swine)

NAZAROVA, Anna Filippovna [Nazarova, H.P.], Geroy Sotsialisticheskogo Truda; DOMASHEVICH, O. [Domashovich, O.], red.; KOLECHITS, G. [Kalechyts, H.], tekhn.red.

[Progressive march of the seven-year plan] Krokami siamihodki. Literaturny zapis i foto P.Ia.Utsianava. Minsk, Dziarzh. vyd-va BSSR, Red.sel'skaha spadaroha i lit-ry, 1960. 31 p. (MIRA 14:3)

1. Starshynya kalhass "Tershaye maye", Zhaludotskaho raiona (for Nazarova). (Zhaludok District--Agriculture)

SOINTSEV, Konstantin Mikhaylovich, kand. sel'khoz. nauk ; DOMASHEVICH, O., red.;
KHOREVSKIY, V., tekhn. red.

[Antibiotics in the feeding of farm animals] Antibiotiki v kormlenii
sel'skokhoziaistvennykh zhivotnykh. Minsk, Gos. izd-vo BSSR Red.
sel'khoz. lit-ry, 1960. 116 p. (MIRA 14:7)
(Antibiotics) (Feeds)

NALIBOTSKIY, Solomon Borisovich [Nalibotski, S.B., deceased];
NIKOLAYEVA, Yu.N. [Nikalaeva, IU.N.], kand. sel'khoz.
nauk, red.; DOMASHEVICH, O. [Damashevich, O.], red.;
UCHUKHLEBOV, A. [Uchukhlebau, A.], takhn. red.

[Local White Russian geese] Miastsovyia belaruskia
husi. Minsk, Dziarzh. vyd-va sel'skahaspadarshai lit-ry
BSSR, 1962. 58 p. (MIRA 17:1)

ZHARIKOV, Ivan Semenovich; YEGOROV, Yuriy Grigor'yevich; BOBKOVA,
Anastasiya Fominichna; DOMASHEVICH, O., red.; YERMILOV, V.,
tekhn. red.

[Fascioliasis of farm animals and its control]Fastsiiolez sel'-
skokhoziaistvennykh zhivotnykh i bor'ba s nim. Minsk, Sel'khoz-
giz BSSR, 1962. 63 p. (15:11)

(White Russia—Liver fluke)

(White Russia—Parasites—Domestic animals)

LEMESH, Vladimir Filippovich; NAZAROV, Viktor Konstantinovich;
SHPAKOV, Aleksey Prokof'yevich; TARUSOVA, Yelizaveta
Fedorovna; LEMESH, Sof'ya Ivanovna; LEVINA, Zinaida
Moiseyevna; GOBZEN, Vera Vasil'yevna; DOMASHEVICH, O.P.,
red.; ZUYKOVA, V.I., tekhn. red.

[Composition and nutritive value of feeds in White Russia]
Sostav i pitatel'nost' kormov Belorussii. Minsk, Gos.izd-vo
sel'skokhoziaistvennoi lit-ry BSSR, 1962. 241 p.

(MIRA 17:1)

(White Russia--Feeds--Composition)

POTAPOVA, Yekaterina Antonovna [Potapova, E.A., deputat Ver-
khovnoy Soveta BSSR; DOMASHEVICH, O., red.; ZEN'KO, M., tekhn.red.

[For the good of the people] Na karysts' naroda. Minsk,
Dziarzh.vyd-va sel'haspadarchai lit-ry BSSR, 1963. 61 p.
(MIRA 16:12)

1. Kolkhoz imeni Frunze Shklouskago rayona, Bel.SSR (for
Potapova).

(Swine)

SAPUNOV, Vasiliiy Andreyevich; DOMASHEVICH, O., red.

[New type of feeding for farm animals] Novyi tip kormle-
niia sel'skokhoziaistvennykh zhiivotnykh. Minsk, Gos.izd-
vo sel'khoz.lit-ry BSSR, 1963. 106 p. (MIRA 18:3)

LUTSEVICH, P.A.; MONGALEV, G.F.; MIKHALEVICH, N.G.; ZINOVICH, K.F.;
SAFRONENKO, A.P.; KLIMENKOV, P.A.; GAYDUKEVICH, N.M.; SILIN,
M.S.; BRAZOVSKIY, P.V.; KOVPAK, M.D.; MELESHKEVICH, O.A.;
KAMENTSEVA, V.N.; KULIKOVSKIY, A.V.; TARAYKOVICH, P.I.;
ALEYNIKOV, G.A.; SHMULEVICH, Sh.S.; GRACHEVA, K.I.; NIKOLAYEVA,
Yu.N.; VOLOKHOV, M.A.; DOMASHEVICH, O., red.; KARKLINA, E.,
red.; ZUYKOVA, V., tekhn. red.

[Manual for livestock raisers] Spravochnik zhivotnovoda.
2., dop. i perer. izd. Minsk, Gos.izd-vo sel'khoz.lit-ry
BSSR, 1963. 462 p. (MIRA 16:8)

1. Glavnyy zootekhnik Upravleniya nauki Ministerstva sel'skogo
khoz'yaystva Belorusskoy SSR (for Safronenko).
(Stock and stockbreeding)

SHUMSKIY, P.I., otv. red.; GAYKO, A.A., red.; VOYTKO, D.I., red.;
KARELIN, V.N., red.; NAGORSKAYA, Ye.D., red.; SOLNTSEV,
K.M., red.; SIDORENKO, G.M., red.; DOMASHEVICH, O., red.

[Increasing the production and improving the quality of
meat; transactions of the White Russian Research Institute
of Animal Husbandry] Uvelichenie proizvodstva i uluchshenie
kachestva miasa; trudy Belorusskogo nauchno-issledovatel'-
skogo instituta zhivotnovodstva. Minsk, Izd-vo "Urozhai,"
1964. 155 p. (MIRA 17:7)

1. Minsk. Instytut zhyvelahadouli.

VOYTKO, Dionisiy Iosifovich; DOMASHEVICH, O.P., red.

[Methods of breeding and improving swine strains] Metody
razvedeniia i sovershenstvovaniia porod svinet. Minsk,
Urozhai, 1964. 296 p. (MIRA 18:1)

MASTYKO, Grigoriy Stepanovich, doktor veter. nauk prof.;
DOMASHEVICH, O., red.

[Advice to the stock raiser and veterinary specialist]
Sovety zhivotnovodu i vetpetsialistu. Minsk, Urozhai,
1965. 102 p. (MIRA 19:1)

1. Zaveduyushchiy kafedroy obshchey i chastnoy khirurgii
Vitebskogo veterinarnogo instituta (for Mastyko).

FISHELEVICH, Mark Abramovich [Fishalevich, M.A.]; DOMASHEVICH, V.
[Damashevich, V.], red.; KOLECHITS, G. [Kolechyts, H.],
tekhn.red.

[On warble flies and their control] Padskurnyia avadni
i barats'ba s imi. Minsk, Dsiarsh.vyd-va BSSR, Red.Sel'ska-
haspadarchai lit-ry, 1960. 42 p.

(MIRA 14:3)

(Warble flies)

AGAPITOVA, A.S.; KORELOVA, Ye.I.; DOMASHEVICH, V.L.

Expert evaluation of temporary disability and the employment
of workers with cardiovascular diseases. Trudy LSGMI 40:242-
247 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.klinikoy -
prof.A.A.Kedrov) i Kafedra gigiyeny truda Leningradskogo sanitarno-
gigiyenicheskogo meditsinskogo instituta (zav.kafedroy - prof.
Ye.TS.Andreyeva-Galanina).

(WORK,

capacity determ. in cardiovasc. dis. (Rus))

(CARDIOVASCULAR DISEASES,

working capacity determ. (Rus))

L 10075-63 EPR/EWT(1)/BDS--AFFTC/ASD--Ps-4--WW

ACCESSION NR: AR3000342

S/0058/63/000/004/A024/A024

SOURCE: RZh. Fizika, Abs. 4A205

58

AUTHOR: Domashevskaya, E. P.

TITLE: X-ray spectrometer with scintillation counter

CITED SOURCE: Sb. nauchn. rabot aspirantov Voronezhsk. un-ta, vyp. 2, 1962, 18-22

TOPIC TAGS: Spectrometer, X-ray, luminescent

TRANSLATION: The construction and operating principles are described of an X-ray spectrophotometer for the investigation of the fine structure of X-ray spectra with a luminescent counter and silicon crystal as an analyzer. The resolution of the X-ray spectra and their focusing is by means of the silicon crystal, using the Johann method. The registering unit consists of a scintillation crystal (KI TI) and a photomultiplier. The spectrophotometer permits measurement of the fine structure of the X-ray spectra within a focusing angle range $\Theta = 11-50^\circ$ with high accuracy. A resolution $R = 5000$ was obtained in the copper region in the first order of reflection of the silicon crystal.

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S/048/62/026/003/009/015
B152/B102

AUTHOR: Domashevskaya, E. P.

TITLE: Use of silicon as crystal analyzer in an x-ray spectrograph
of high resolving power

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,
v. 26, no. 3, 1962, 395-396

TEXT: The author tested a silicon sheet in a bent-crystal spectrometer to obtain information on the suitability of silicon as a crystal analyzer. On the apparatus YFC-50K (URS-50I) a crystal sheet of 25 x 10 mm, 0.2 mm thick, was cut from a chemically pure monocrystal in parallel to the (422) plane. Its interplanar spacing was 1.1 Å. The spectra were analyzed with the nonrecording microphotometer MΦ-2 (MF-2), and their intensities were determined by means of a densitometric characteristic according to Protopopov. On comparing the results with those obtained with a double-crystal spectrometer the resolving power was found to be of the order of 11,000 whereas the best known until now was 10,000 (quartz). There are 1 table and 12 references: 9 Soviet and 3 non-Soviet. The two

Card 1/2

Use of silicon as crystal analyzer...

S/048/62/026/003/009/015
B152/B102

references to English-language publications read as follows: P. Lublin, Denver Colo, p. 229, 1959; B. W. Battermann, Rev. Scient. Instrum., 29, no. 12, 1132 (1958).

ASSOCIATION: Voronezhskiy gos. universitet (Voronezh State University)

Card 2/2

UGAY, Ya.A.; DOMASHEVSKAYA, E.P.; MARSHAKOVA, T.A.

Character of the chemical bond in semiconductor compounds of zinc
with antimony. Zhur.strukt.khim. 4 no.2:250-253 Mr-Apr '63.
(MIRA 16:5)

1. Voronezhskiy gosudarstvennyy universitet.
(Intermetallic compounds) (Chemical bonds)

8.
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t2.

ACCESSION NR: AP4038777

S/0048/64/028/005/0853/0856

AUTHOR: Domashevskaya, E.P.; Ugay, Ya.A.

TITLE: $\text{I}\beta_{2,15}$ emission spectra of cadmium and antimony in some semiconducting compounds /Report, Seventh Conference on X-Ray Spectroscopy held in Yerevan 23 Sep to 1 Oct 1963/

SOURCE: AN SSSR. Izvestiya, Seriya fizicheskaya, v.28, no.5, 1964, 853-856

TOPIC TAGS: x-ray spectrum, x-ray emission, cadmium, cadmium compound, antimony, antimony compound, semiconducting material, chemical bond

ABSTRACT: The $\text{I}\beta_{2,15}$ emission spectra of cadmium and antimony were recorded for the metals and for a number of compounds in order to determine the effect on them of different types of chemical bonding. The cadmium spectra were recorded for CdSb , Cd_4Sb_3 and CdS ; the antimony spectra were recorded for CdSb , Cd_4Sb_3 , AlSb , GaSb , InSb , Sb_2Se_3 and Sb_2S_3 . A spectrograph with Johann focusing was employed. The cadmium spectra were recorded with a dispersion of 18.7 eV/mm in the first order reflection from the (111) planes of a bent (50 cm radius) silicon crystal; the antimony spectra were recorded with a dispersion of 6.1 eV/mm in the first order reflec-

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ACCESSION NR: AP4038777

tion from the (0001) planes of a quartz crystal. The spectra are very similar, showing the $I\beta_2$ and $I\beta_{15}$ spin doublets and weak short wavelength structure of unknown origin. The Sb spectra are the more symmetric, the Cd spectra being considerably extended in the short wavelength direction. The simplest spectra are those of the metals, which show only a single unresolved spin doublet. The spectrum of the nearly covalent compound InSb is very similar to that of the metal, as is also the spectrum of GaSb. The compounds CdSb, Cd_4Sb_3 , CdS, AlSb, Sb_2Se_3 and Sb_2S_3 are semiconductors with mixed ionic-covalent bonds. Both the Cd and Sb spectra of these compounds show both the spin doublets, and these are displaced with respect to each other. The separation of the spin doublet in the semiconducting compounds indicates the presence of two energy states of the Cd or Sb atom corresponding to the mixed ionic-covalent character of the bond. This separation is small in CdSb, indicating the predominately covalent character of this compound. The maximum of the Cd spectra is shifted toward the shorter wavelengths in the compounds compared with its position in the metal. This is ascribed to participation of Cd 4f electrons, along with the 5s valence electrons, in the chemical bonding. A similar phenomenon is mentioned in connection with the Sb spectra, but it is less convincingly revealed by the curves presented. Orig.art.has: 2 figures and 2 tables.

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ACCESSION NR: AP4038777

ASSOCIATION: Voronezhskiy gosudarstvennyy universitet (Voronezh State University)

SUBMITTED: 00

DATE ACQ: 12Jun64

ENCL: 00

SUB CODE: OP

NR REF SOV: 013

OTHER:007

Card 3/3

ACCESSION NR: AP4036727

S/0020/64/156/002/0430/0433

AUTHOR: Ugay, Ya.A.; Domashevskaya, E.P.

TITLE: The nature of the chemical bond in A^{III} B^V semiconductor compounds

SOURCE: AN SSSR. Doklady*, v. 156, no. 2, 1964, 430-433

TOPIC TAGS: semiconductor, III-V semiconductor, chemical bond, chemical bond type, energy position, L band, antimony, AlSb, GaSb, InSb, CdSb, x ray analysis, electron cloud contraction, binary compound,

ABSTRACT: The shape and the energy positions of the L_{15,2}-bands of antimony in antimony metal and its semiconductor compounds AlSb, GaSb, InSb and CdSb were examined by x-ray analysis to determine the behavior of the valency electrons responsible for the chemical bond. The emission spectra (fig. 1.) consist of two unresolved bands L₁₅ and L₂ corresponding to the electron transitions N_V → L^{III} and N_{IV} → L^{III}. The shift in the L_{15,2} band toward the long wave (smaller energy) in AlSb, GaSb and CdSb is caused by the contraction of the electron cloud to the antimony lattice sites

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ACCESSION NR: AP4036727

of the indicated compounds; as the effective charge of the nucleus decreases, the $L_{15,2}$ band shifts toward the long wave side. No shift is observed in the $L_{15,2}$ spectra of InSb, and resolution of the $L_{15,2}$ band is practically absent because of the covalent character of the interatomic bond. InSb is the most covalent (and least ionic) compound in the series as evidenced by the exceptionally high electron mobility and small width of the forbidden zone. The decrease in the width of the band in going from AlSb to InSb (from 12.8 to 9.8 e.v.) also indicates an increase in the degree of covalency, with the electronegativity increasing from Al to In. A new arrangement for $III\ V$ compounds was drawn (see Fig.2) which fulfills the conditions for forming binary AB compounds with tetrahedral coordination of the atoms in the compound. There is an average of four valence electrons per atom. The shift in the Sb spectrum toward the direction of less energy, due to the electron cloud contraction toward Sb, results in Al lattice sites with δ^+ and Sb sites with δ^- charges, where δ is much less than 1. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: Voronezhskiy gosudarstvennyy universitet (Voronezh State University)

Card 2/5

ACCESSION NR: AP4036727

SUBMITTED: 23Dec63

ATD PRESS: 3090

ENCL: 02

SUB CODE: IC, 88

NO REF SOV: 005,

OTHER: 005

Card 3/5

ACCESSION NR: AP4036727

ENCLOSURE: 01

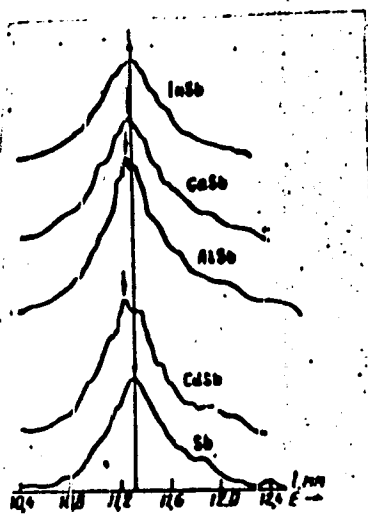


Fig. 1. Photometric curves of the L_{15,2}- spectra of antimony in compounds and in the metal

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ACCESSION NR: AP4036727

ENCLOSURE: 02

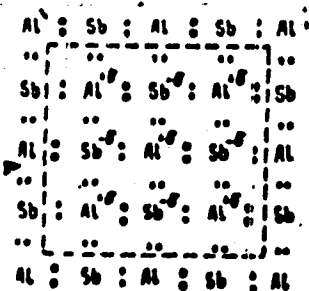


Fig. 2. Scheme of the chemical bonds in AlIBV compounds exemplified by AlSb (according to the author's data)

Card 5/5

L 17734-66 ENT(m)/ENT(t) IJP(o) JD/OS

ACC NR: AT0006177

SOURCE CODE: UR/0000/65/000/000/0347/1355

AUTHOR: Ugay, Ya. A.; Domashevskaya, E. P.; Marshakova, T. A.

ORG: none

TITLE: X-ray analysis of semiconducting cadmium compounds containing antimony, oxygen, and sulfur

SOURCE: Khimicheskaya svyaz' v poluprovodnikakh i tverdykh telakh (Chemical bond in semiconductors and solids). Minsk, Nauka i tekhnika, 1965, 347-355

TOPIC TAGS: x ray, semiconductor band structure, cadmium compound, antimony compound, oxygen compound, sulfur compound, x ray absorption spectrum

ABSTRACT: The location of the $L_{5,2}$ emission band of cadmium in $CdSb$, Cd_3Sb_2 , Cd_4Sb_3 , CdS , and CdO as compared to its location in metallic cadmium is studied by the Johann x-ray technique. The $3K_{\alpha 1}$ line of arsenic was also used as a reference. The location of the fundamental L_{III} -absorption limit of cadmium in these compounds as compared to its location in the metal; was studied using the standard

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L 17734-66

ACC NR: AT6005177

2

$L_{\alpha I}$ line of antimony as a reference. The $CdSb$, Cd_3Sb_2 , and Cd_4Sb_3 were prepared by fusion of stoichiometric amounts of 99.99% pure cadmium with antimony containing less than $2 \cdot 10^{-3}\%$ contaminants. The CdS was prepared by precipitation with pure H_2S from $CdSO_4$ -acetic acid solution. The CdO was prepared by decomposition of fresh $Cd(CO_3)_2$ at $550^\circ C$. It was found that the $L_{\beta 15.2}$ -emission band and the L_{III} -absorption limit of cadmium in $CdSb$, Cd_3Sb_2 , Cd_4Sb_3 , and CdS are shifted toward lower wave region in comparison with the corresponding bands of metallic cadmium. No such shift was observed in the case of CdO . It was found that the magnitude of this shift per unit of effective valence declines with increasing ionic character of the chemical bond. In the semiconducting compounds, this shift becomes successively smaller in the following order: $CdSb$, Cd_3Sb_2 , Cd_4Sb_3 , CdS , and CdO . The energetic gap between the L_{III} -absorption limit and the $L_{\beta 15.2}$ -emission band was found to be proportional to the width of the forbidden zone of a given compound. For the compounds in question, this gap increases with increasing ionic character of the chemical bond in a compound. The $L_{\beta 15.2}$ -emission of Cd in its semiconducting compounds and in the metal are shown. Orig. art. has: 5 figures, 3 tables.

SUB CODE: 20, // SUBM DATE: 31May65/ ORIG REF: 005/ OTH REF: 008

Card 272

L 15544-66 ENT(m)/EMP(t)/EMP(b) IJP(a) JD

ACC NR: AP6002085

SOURCE CODE: UR/0139/65/000/006/0080/0083

AUTHORS: Domashaykaya, E. P.; Ugay, Ya. A.

ORG: Voronezh State University (Voronezhskiy gosuniversitet)

TITLE: X ray spectral investigations of the character of the chemical bond in semiconductor compounds of aluminum

SOURCE: IVUZ. Fizika, no. 6, 1965, 80-83. 44, 55, 27

TOPIC TAGS: aluminum, aluminum compound, semiconductor alloy, x ray spectrum, chemical bonding

ABSTRACT: The authors have measured the relative energy positions of the $K_{\alpha 1,2}$ lines and the non-diagram lines $K_{\alpha 3}$ and $K_{\alpha 4}$ of aluminum in the compounds AlSb, AlP, AlN, Al_2O_3 , and aluminum metal. The work was undertaken to determine the sign and the relative charge of the atoms A^{III} and B^V in $A^{III}B^V$ binary compounds as functions of the change in the character of the chemical bond in the analog series. The

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L 15544-66

ACC NR: AP6002085

emission lines were plotted by a primary method in first order reflection, using an x ray spectrograph. The results show that all the aluminum lines shift towards the shorter wavelengths on going from metallic aluminum to the compounds. This indicates that the aluminum has a positive charge in all the compounds. The aluminum remains trivalent in all compounds. The electronegativity of the partner of aluminum in the compounds was 1.8, 2.1, 3.0, and 3.5 for AlSb, AlT, AlN, and Al₂O₃ respectively. The corresponding forbidden bandwidths were 1.6, 3.0, 3.8, and 2.5 ev. It is concluded from the shift of the K_{α1,2} lines (+ 0.16, +0.24, +0.32, and +0.48 ev for the same sequence) that the ionic components of these compounds amounts to 20, 30, 40, and 60 per cent respectively. The increase in the ionic components agrees with the increase in the widths of the forbidden bands, but only for the A^{III}B^V compounds. No such correlation is observed for Al₂O₃. Orig. art. has: 1 figure and 2 tables

SUB CODE: 20/ SUBM DATE: 22Feb64/ ORIG REF: 007/ OTH REF: 011

Card 2/2

ACC NR: AT7003876

SOURCE CODE: UR/0000/66/000/000/0119/0126

AUTHOR: Ugay, Ya. A.; Domashevskaya, E. P.

ORG: none

TITLE: X ray spectral investigation of the character of the chemical bond in certain III - V semiconductor compounds

SOURCE: AN BSSR. Institut fiziki tverdogo tela i poluprovodnikov. Khimicheskaya svyaz' v poluprovodnikakh i termodinamika (Chemical bond in semiconductors and thermodynamics). Minsk, Nauka i tekhnika, 1966, 119-126

TOPIC TAGS: x ray spectroscopy, chemical bonding, semiconducting material, line shift, forbidden band

ABSTRACT: This is a continuation of earlier work (DAN SSSR v. 156, 430, 1964) dealing with the x ray spectra of semiconductor compounds. In the present investigation the authors studied the emission K spectra of aluminum and L spectra of antimony in certain III - V semiconductors. The main purpose was to determine the magnitude and sign of the charges of the atoms in the compound, the relation between the covalent, ionic, and metallic types of bond in the semiconductor, and the method whereby the bond acquires in the semiconductors a partially ionic character. The spectrum was obtained by a primary method in first order of reflection, using a Johann spectrograph with a gypsum crystal. The compounds tested were Al, Al, AlSb, AlP, AlN, and Al₂O₃, InSb, and GaSb. The line shifts, the ionicity, the electronegativity, the

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UDC: 541.57

ACC NR: AT7003878

width of the forbidden band, and other factors are tabulated. The results show that in III - V semiconductors the III atom is positively charged and the V atom negatively charged, in contradiction to the results of E. Muser and W. Pearson. The bond in semiconductors of such type is more covalent than ionic. The ionicity of the bond is realized by means of a continuous distribution of the density of the valence electrons from the III atom to the V atom. A correlation is revealed between the degree of ionicity and the metallization of the bond on the one hand, and the main electro-physical properties of the semiconductors on the other. The 3s and 3p valence bands are found to overlap in semiconductor compounds of aluminum, and the states of the electrons in them become hybrid. Orig. art. has: 4 figures and 3 tables.

SUB CODE: 20/ SUBM DATE: 20Aug66/ ORIG REF: 010/ OTH REF: 013

Card 2/2

DOMASHEVSKIY, A. A.

Cand Tech Sci - (diss) "Study of corrosion and increase of stability of cement solutions for ceramic shafts undergoing the aggressive action of sugar solutions." Kiev, 1961. 23 pp; with diagrams; (Academy of Construction and Architecture Ukrainian SSR); 175 copies; price not given; (KL, 10-61 sup, 214)

DOMASHEVSKIY, A.A.

[Recommendations on the construction of floors resistant to the action of sugar for food industry enterprises] Rekomendatsii po ustroistvu sakharostoikikh polov na predpriyatiyakh pishchevoi promyshlennosti. Minsk, In-t nauchno-tekhn. informatsii i propagandy, 1962. 8 p.
(MIRA 17:4)

DOMASHEVSKIY, A.A., inzh.

Latex-cement glues. Stroi.mat 8 no.10:40-3 of cover 0 '62.
(MIRA 15:11)

(Cements, Adhesive) (Polymers)

KALISHUK, O., kand. tekhn. nauk; DOMASHEVSKIY, A. [Domashevskiy, A.],
inzh.; MOKHNACHENKO, P., inzh.

The strength of joints of concrete elements based on cement
mortars with additions of polymers. *Izd. mat. i konstr.* 4 no. 6:36-
39 N-D '62. (MIRA 15:12)
(Polymers) (Precast concrete construction)

DOMASHEVSKIY, A.A.

Resistance of floors to the corrosive action of sugar solutions.
Sakh. prom. 35 no.11:30-35 N '61. (MIRA 15:1)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti.
(Floors) (Sugar industry) (Corrosion and anticorrosives)

OREM, Leonid Nikolayevich; YAKOVLEV, Sergey Malakhiyevich; DOMASHIN,
V.A. redaktor; ZABRODINA, A.A., tekhnicheskiy redaktor.

[Innovators in electric engineering in the peat industry] Elektriki-
novatory torfianoi promyshlennosti. Pod red. V.A. Domashina. Moskva,
Gos. energ. izd-vo, 1955. 85 p. (MLRA 8:8)
(Electric engineering) (Peat industry)

~~DOMASHIN~~, Valentin Aleksandrovich; OPNN, Leonid Nikolayevich; YAKOVLEV,
Sergey Malakhovich; KOLOTUSHKIN, V.I., red.; CHERNOV, V.S., tekhn.
red.

[Electricians as innovators in the peat industry] Elektriki-
novatory torfianoi promyshlennosti. Moskva, Gos. energ. izd-vo.
Pt.2. 1957. 93 p. (MIRA 11:7)

(Peat machinery)

DOMASHIN, Valentin Aleksandrovich, inzh.; VOLOTSKOV, S.I., red.;
VOKOVIN, K.P., tekhn.red.

[Use and repair of flexible rubber cables in peat mining]
Ekspluatatsia i remont gibkikh rezinovykh kabelei na torfo-
predpriiatilakh. Moskva, Gos.energ.isd-vo, 1957. 94 p.

(MIRA 12:10)

(Cables, Electric)

DOMASHIN, V.A., inzhener.

New type of cable for the peat industry. Tef.prom. 34 no.2:25-
27 '57. (MIRA 10:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut terfyanoy promyshlennosti.
(Electric cables)

ZOLOTAREV, B.B., kand.tekhn.nauk; VOLKOV, Yu.D., inzh.; DOMASKIN, V.I., inzh.

Spot welding of metals by ultrasonic waves. Svar. proizv.
no.9:37-41 3 '62. (MIRA 15:12)

(Ultrasonic yaliding)

LUKASHEV, K.I.; DOMASHKO, S.G.

Mineralogy of Quaternary sediments in the eastern part of the
White-Russian Polesye. Dokl. AN BSSR 7 no.12:829-835 D '63.
(MIRA 17:8)

AUTHOR: Domashnev, A. (Moscow) 107-58-3-21/41
TITLE: ~~Line Scanning Unit (Blok strochnoy razvertki)~~
PERIODICAL: Radio, 1958, Nr 3, pp 31 - 32 (USSR)
ABSTRACT: After extensive experimental work, a line scanning unit has been developed which may be easily built by radio amateurs. This unit was successfully used for modified "KVH-49" TV sets with Kinescopes "31LK2E". Figure 1 shows the circuit diagram of the unit. The master oscillator may consist of a multi-vibrator with cathode feedback or a blocking generator. In both cases, "6N15P" tubes gave the best results. The output stage has an autotransformer circuit with current feedback. The energy, stored in the core, provides a constant voltage at the plate of the output tube, which attains a value of 560 volts and 4,500 volts for the HF component at a feedvoltage of 340 - 350 volts. A voltage-doubling circuit was used for obtaining the high voltage fed to the se-

Card 1/2

Line Scanning Unit

107-58-3-21/41

cond plate of the "31LK2B" Kinescope. The line scanning unit does not require any extra tuning. The article contains further data on the various parts in the unit. There is one circuit diagram and two drawings.

1. Radio equipment--Characteristics 2. Radio scanning--Applications

Card 2/2

Domashev

A.A.

PHASE I BOOK EXPLOITATION 50V/3727

Rasshirennye vozmozhnosti primeneniya plastmass v konstruktivnykh mashin (Widening the Possibilities for Using Plastics in Machinery Components) Moscow, Mashiz, 1959. 183 p. 8,000 copies printed.

Reviewers: N.Y. Popov, Engineer, and P.I. Petukhov, Doctor of Technical Sciences; Ed.: A.I. Suvlov, Engineer; Tech. Eds.: M.A. Dukhin and A.P. Dvorkova; Assoc. Ed. (Ural-Siberian Division, Mashiz): G.A. Sereva, Engineer.

PURPOSE: The book is intended for engineers and scientists engaged in the study and manufacture of plastics and plastic machine parts.

COVERAGE: The chapters of this book were written by different authors indicated in parentheses after each chapter in the table of contents. The author in the use of plastics in non-Soviet countries includes data on the Jicoda Works in Czechoslovakia. A number of Soviet machine parts and elements are mentioned. A number of Soviet machine parts are described and evaluated. Considerable attention is paid to nonferrous and plastic materials, as well as to the problems of substituting plastics for other materials in types of equipment subjected to wear or to corrosive media and chemical influences. Brand designations, properties and uses of a number of Soviet-made plastic materials are given. It is thus a survey of modern Soviet plastic materials grouped according to their specific application in industry. The authors rely heavily upon the experience of Ural plants, especially those specializing in electrical apparatus, automotive equipment, and measuring instruments. Nonferrous materials are mentioned. There are 37 references: 31 Soviet, and 5 German.

Ch. IV. Plastic Articles for Corrosive Media (B.P. Matkev, A.I. Masak, L.N. Kurzikin) 68

1. Centrifugal pump made of "volomite" (a phenol-formaldehyde resin with cotton filler) 71
2. Pump parts and linings made from abrasive materials 74
3. Vats made of vinyl plastics 77

Ch. V. Use of Plastics in Foreign Countries (A.A. Domashnev and L.N. Kurzikin) 77

1. Use of plastics in machine and instrument elements (abridged) 109
2. Use of plastics in Czechoslovakian plants 114

Appendix (M.K. Matikh, I.B. Pleskiy) 114

I. General Characteristics and Fields of Application of Plastics 114

II. Mechanical Properties of Plastics 150

Card 5/6

6

ACC NR: AP7003746

(//)

SOURCE CODE: UR/0314/67/000/001/0032/0034

AUTHOR: Virlich, E. E. (Engineer); Domashnev, A. D. (Doctor of technical sciences)

ORG: none

TITLE: Effect of adhesive film thickness on durability of adhesion bonds of metals in water

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 1, 1967, 32-34

TOPIC TAGS: adhesion, adhesive, adhesive bonding

ABSTRACT: In a study of adhesive bonds subject to lead stress and to action by liquid media, tests were made with various grades of steel, brass, and copper cylinders 20 mm in diameter. These had adhesive bonds of varying thickness, based on ED-5 epoxy and PEPA polyethylene-polyamine hardener heat treated for 4 hr at 120C. Test cylinders in a test stand and immersed with it in distilled water with pH 6.6, then stressed to rupture point. Thickness of adhesive joints, time from immersion to rupture, and breaking torsion were recorded and indicated on graphs. It was demonstrated that the thinner the film of adhesive, the stronger the bond. Durability coefficients are derived for various metals and for powdered adhesive fillers such as ZnO, Bi, and Al. The exact role of such fillers is not explained, but their effect on the durability coefficient is discussed and tabulated. Corundum burnishing of metal surfaces before joining improves adhesion. Burnished duraluminum had optimal adhesion with a film 180--280-μ thick, whereas St-3 steel and brass

Card 1/2

UDC: 621.792.3.001.6:663.6

ACC NR: AP7003746

had optimal adhesion with film 250---500- μ thick. Adhesive less than 100-200- μ thick is not durable in water, but further experimentation is necessary to determine: adhesion efficiency in more aggressive media, also the physicochemical interactions of metals with epoxy adhesives. Orig. art. has: 4 formulas, 1 table, and 5 figures.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 003

Card

2/2

SOKOLOV, Boris Pavlovich, akademik, prof., doktor sel'khoz. nauk;
DOMASHNEV, Pavel Pavlovich [Domashniev, P.P.], nauchnyy
sotr.; ZADONTSEV, A.I., zasl. deyatel' nauki USSR, akademik,
otv. red.; LIVENSKAYA, O.I. [Livens'ka, O.I.], red.; GLUSHKO,
G.I. [Hlushko, H.I.], tekhn. red.

[Introduce the best corn hybrids into production] Vprovadzhuvaty u vyrobnytstvo krashchi hibrydy kukurudzi. Dnipropetrovs'k, Dnipropetrovs'ke knyshkove vyd-vo, 1961. 46 p. (MIRA 15:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina i ~~Ukrainskaya~~ akademiya sel'skokhozyaystvennykh nauk (for Sokolov). 2. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta kukuruzy i Vsesoyuznaya akademiya sel'skokhozyaystvennykh im. V.I. Lenina (for Zadontsev).

(Ukraine—Hybrid corn)

DOMASHNEVA, L. V.

Domashneva, L. V. "Concentrated heat treatment with paraffin in certain metabolic disorders of ruminants," Trudy Alma-At. vet.-zootekh, in-ta, Vol. V, 1948- p. 263-40

So: U-3566 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1948)

DOMASHNYEVA, L. V.

Works of the Alma-Ata Veterinary-Zootechnical Institute, vol. V, 1949. In the collected works are published the articles by:

DOMASHNYEVA, L. V. Concentrated heat treatment with paraffin in certain diseases of the udder in ruminants.

SO: Veterinariya; 26; 7; July 1949; Incl.
TABCON

DOMASEVA, A.A., Cand Bio Sci—(diss) "Microflora of the mountain range
Terskey-Alatau of the Kirgiz SSR." Len, 1958. 19 pp (Acad Sci USSR. Bota-
nical Inst im V.L.Komarov), 150 copies (KL, 44-58, 121)

- 23 -

UNTRY : USSR
 TEGORY : Plant Diseases. Cultivated Plants.
 S. JOUR. : RZhBiol., No. 3, 1959, No. 11302
 THOR : Domashova, A. A.
 ST. : ~~AN Kirgiz SSR~~
 TLE : On the Biology of the Hispidulous Polyporus.

IG. PUB. : V sv.: Materialy soveshchaniya po probl.: Vosstanovleniya
 i razvitiye orekhoplod. lesov Yuzhn. Kirgizii, 1955. *)
 STRACT : The cultivation of walnuts in Kirgiz SSR is severely af-
 fected by Inonotus hispidus. Surveys carried out by the
 Institute of Botany disclosed that trees of the under-
 growth origin are affected more than the seeded trees
 which should be into consideration when renewing the cul-
 ture. Within the borders of the Republic, the formation
 of the fruiting bodies of Inonotus hispidus begins in May
 and the maturation of the spores - at the end of July.
 The diffusion of the fungus depends on the age of the

RD: 1/2

*) Frunze, AN KirgSSR, 1958, 168-172

DOCUMENT	:	
CATEGORY	:	
ABS. JOUR.	:	RZhBiol., No. 1959, No. 11302
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	:	trees and the amount of the infectious source. The exposure and steepness of the slope are of no great significance in the propagation of the fungus. The susceptibility of a tree stand increases with the increase in the age of the trees. -- Ye. S. Arutyunyan
CARD:	:	2/2

DOMASHOVA, A.A.

A new species of Trichocladia on the barberry. Bot.mnt.Otd.
spor.rast. 12:161-162 Ja '59. (MIRA 12:12)
(Koyasara--Mildew)

DOMASHOVA, A.A.

Eust fungi (Uredinales) of the Terskei Ala-Tau, Kirghiz S.S.R.
Bot. zhur. 44 No.1:74-79 Ja '59. (MIRA 12:1)

1. Botanicheskiy institut imeni V.I. Komarova AN SSSR, Leningrad.
(Terskei Ala-Tau—Eusts (Fungi))

DOMASHOVA, A.A., otv.red.; POPOVA, L.I., red.; GAMLITSKAYA, N.A., red.;
BOROMAYEVA, M.V., red.isd-va; ANOKHINA, M.O., tekhn.red.

[Materials of the First Coordinating Conference of Mycologists of
the Central Asian Republics and Kazakhstan, 1955] Materialy Pervogo
koordinatsionnogo soveshchaniya mikologov respublik Sredney Azii i
Kazakhstana. Frunse, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 182 p.
(MIRA 13:9)

1. Koordinatsionnoye soveshchaniye mikologov respublik Sredney Azii
i Kazakhstana. 1st, 1955. 2. Institut botaniki AN Kirgizskoy SSR
(for Gamalitskaya).

(Soviet Central Asia--Mycology)

DOMASHOVA, A.A.

[Fungi of the Terskey-Alatau Mountain Range in Kirghizistan]
Mikoflora khrebt Terskoi Ala-Too Kirgizskoi SSR. Frunze, 1960.
240 p. (Kirghizistan--Fungi) (MIRA 14:3)

DOMASHOVA, A.A.; POPOVA, L.I., otv.red.; SCHRUBAYEVA, N.V., red.izd-va;
JINCHINA, M.G., tekhn.red.

[Fungi of the Terskey Ala-Tau, Kirghiz S.S.R.] Mikoflora khrebt
Terskei Ala-Too Kirgizskoi SSR. Frunze, Akad.nauk Kirgizskoi SSR,
1960. 240 p. (MIRA 13:12)
(Terskey Ala-Tau--Fungi)

HUDAKOV, O.L.; DOMASHOVA, A.A., otv. red.; LEVITUS, B.I., red. izd-va;
ANOKHINA, H.G., tekhn. red.

[A fungus parasite of the dodder, its cultivation and use] Grib-
noi parazit poviliki, ego vyrashchivanie i primeneniye. Frunze,
izd-vo AN Kirgizskoi SSR, 1961. 65 p. (MIRA 1416)
(Dodder—Diseases and pests) (Fungi, Phytopathogenic)

DOMASIK, M.

Remarks on the articles by W. Dziong and A. Dahlman. p. 32

(BUDOWNICTWO PRZEMYSŁOWE. Vol. 6, No. 5, May 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 10, October 1957. Uncl.

DOMASIN, P.

New plowing implements for farmers., p.7. (Technicke Noviny, Praha, Vol 2, No. 20, Oct 1954)

S0: Monthly List of East European Accessions (EEAL), LC Vol 4, No. 6., June 1955, Uncl

POLAND / Chemical Technology. Chemical Products and H-13
Their Application--Ceramics. Glass. Binding
Materials. Concrete

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9109

Author : Domaslowski, W.

Inst : Not given

Title : Studies of Growth of Strength and Water Impermeability of Articles Made from Structural Gypsum

Orig Pub: Mater. budowl., 1958, 13, No 5, 142-147

Abstract: In order to improve the durability of articles made from gypsum and foamy gypsum, various additives were used: glass fiber, slag wool, CaO, Ca(OH)₂, polyvinyl alcohol, and different organic

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150

POLAND / Chemical Technology. Chemical Products and H-13
Their Application--Ceramics. Glass. Binding
Materials. Concrete

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9109

substances (synthetic resins and others). It
was established that immersion of gypsum slabs
in solutions of artificial resins increases their
resistance to curvature and at the same time de-
creases water permeability. Good results were
also obtained with the addition of chlorpolyvinyl.
--B. Levman

Card 2/2

DMASZEWSKA, Teresa . . .

Petrography of the black sands from the Isle of Pines south-
west of Cuba. Przegl geol 11 no.9:434-435 5'63

1. Institute of Geology, Warsaw

DOMASZEWSKI, Jerzy; REFEROWSKA, Maria (Warszawa)

Prefabricated building parts from cellular concrete.
Przegl budowl i bud mieszk 33 no.11:665-668 N '61.

KOPPANY, Gy.; HILLE, Alfred; KAKAS, Jozsef; FUTO, Jozsef; KERI, Menyhart; PECZELEY, Gyorgy; KOZMA, Bela; SZAPPANOS, Andras; AMBROZY, Pal; GOZZ, Gusztav; PAPP, Laszlo; BELL, Bela; MARTOS, Andras; HACSO, Nandor; HAJOSY, Ferenc; CSAPODY, Istvan; NAGY, Laszlo, igazgato foorvos; DONASZY, Erno; BORONKAI, Pal; ANTAL, Emanuel; TANCZER, Tibor; OZORAI, Zoltan

The 10th itinerant meeting of the Hungarian Meteorological Society in Sopron. Idojaras 68 no.4:249-250 J1-Ag '64.

1. President, Hungarian Meteorological Society (for Hille).
2. Editor, "Idojaras" (for Kakas).
3. Editorial Board Member, "Idojaras", Budapest (for Ambrozy, Bell, Keri, Ozorai).

DOMAYEV, Foma Vasil'yevich; KAZANSKIY, G.A., red.; KHITROV, P.A.,
tekhn.red.

[Construction and repair of containers] Ustroistvo i remont
kontainerov. Moskva, Gos.transp.shel-dor.isd-vo, 1959. 122 p.
(MIRA 12:7)

(Containers)

DOMAYEV, F.V.

Mechanizing the loading and unloading of freight at railroad stations.
Biul. tekhn.-ekon. inform. no. 4:69-73 '61. (MIRA 14:5)
(Railroads--Freight)

DOMAYEV, F.V.

Introduction of new equipment and technological innovations in enterprises of the Kalinin and Yaroslavl Economic Councils.

Biul.tekh.-ekon.inform. no.7:84-85 '61. (MIRA 14:8)

(Kalinin Province--Industry--Technological innovations)

(Yaroslavl Province--Industry--Technological innovations)

DOMAYEV, F.V.

Over-all mechanization of loading and unloading operations. Biul.
tekh.-ekon.inform. no.8:74-75 '61. (MIRA 14:8)
(Loading and unloading--Equipment and supplies)

DOMAYEV, F.V.

Means of over-all mechanization of the loading and unloading of loose
and piece freight. Biul.tekh.-ekon.inform. no.11:77-80 '61.
(MIRA 14:12)

(Loading and unloading--Equipment and supplies)

DOMAYEV, Foma Vasil'yevich; KALININ, G.N., inzh., retsenzent; RYASHNOY,
I.F., inzh., retsenzeng; SHISHLYKOV, Ye.S., inzh., red.;
VOROTNIKOVA, L.F., tekhn. red.

[Repairing basic units of electric gantry cranes and fork lift
trucks] Remont osnovnykh uzlov elektrokozlovykh kranov i avto-
pogruzchikov. Moskva, Transzheldorizdat, 1962. 94 p.

(MIRA 15:7)

(Electric cranes—Maintenance and repair)

(Fork lift trucks—Maintenance and repair)

~~DOMAZOV, S.A.~~ DOMAZOV, S.A.
(Article 1786)

Cisternal puncture in tumors of the posterior fossa Vop. Neurokhir. 1951, 1
(29-32) Tables 2

The data given by cisternal puncture have a great value, both to ascertain the extension of the tumour and for its localization. No disturbances were observed where this puncture was practiced, so that it may be considered quite harmless, contrary to what is generally asserted.

Tenerff - Turin

Source: EXCERPTA MEDICA Vol. 5 No. 5 Section VIII May 1952

2. A. DONTEN, ALUMINUM

25

Printing-ink mass for textiles. Flenet, Dombai and Laslo Balint. Hung. 138,561, Nov. 2, 1918. The mass contains pectin salts insol. in water, e.g. Ca, Al, or Zn pectinate. Starch pulp contg. 20% starch is mixed with a pectin soln. contg. an amt. of solid pectinic acid equal to 3-4% of the total wt. of starch pulp (concn. about 25%). A soln. of alk. earth metal salts (e.g. $ZnCl_2$) is added until the tint, becomes solid. Finally the desired dyes and other usual ingredients are incorporated in the mass. I. P.

C. 4.
DOMBA, FLAMER

12

A swelling substance from vegetable substances. Fir-
mer Domba and Tóth Gábor de Társ. Hung. 130,585.
June 18, 1949. Extr. is carried out simultaneously with re-
duction. The ferment is made with org. bases and the latter
in the presence of metal catalysts at 40-80° and a pH of 8
to 11 without over-pressure. The juice is pressed out of the
residue by a pressure of 2-30 atm. (1) 1500 kg. wet slices is
ground to powder and dried at 120°, then extr. with water
and triethanolamine at pH 10 in the presence of 250 g.
powd. Fe at 60-70°. The temp. must be regulated in such
a manner that it does decrease below 40° at the end of the
extr. Now the mass is pressed out, the juice extr. with
benzene and gumline, and the aq. phases are evapor.
István Fényi

CO 5/11/77, ELIABER

17

Therapeutic agent against hyperacidity. Elemér Domjén, Hung. 139,486, July 15, 1949. Alk. solns. of ~~oxides~~ (preferably Mg) are treated with alkali silicates in such a manner that the mol. ratio is 1:3; the product is freed from alkalis at a temp. not exceeding 50-60°, preferably by electrodialysis. Chlorides or sulfates are introduced at a temp. below 30° into the external layer of the elec. double layer of the micelles. E.g., 1000 g. soln. of K silicate is dissd. with 3 l. of water, heated to 40° and mixed with a soln. of Al_2O_3 in 20% NaOH at 40° in such a manner that the ratio $SiO_2:Al_2O_3$ is 3:1, stirred for 30 min., filtered without cooling, then electrodialyzed at a low temp. to remove alkalis, filtered, mixed with 3.6 l. 1.0 N H_2SO_4 and stirred for 3 hrs., filtered, washed with water until free of chlorides, dried under vacuum at 35-40° and granulated. One g. of product is able to bind about 60 ml. 0.1 N HCl. István Finkó

DOMBA, MOISEY

6938 Domba, Moisey. Kratkaya instruktsiya po electrosvetolecheniyu.
Redaktor V.A. Boldina. Ordzhonikidze, 1954. 32 s. 20 sm. 300 eks.
B. ts.-(55-1715) 615.84

SO: Knizhnaya Letopis' No. 6, 1955

DOMBAI, Tibor

Lorand Eotvos, the geophysicist. Geofiz kozl 10 no.1/4:5-12 '62.

1. "Geofizikai Kozlemenyek" felelos szerkesztoje.

DOMBARADI, G.

HUNGARY/Pharmacology. Pharmacognosy. Toxicology -
Medicinal Plants.

T-5

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71736

Author : Fekete, G., Dombaradi, G.

Inst :

Title : The Mechanism of Glycerinic Acid Action.

Orig Pub : Orv. hetilap. 1955, 96, No 7, 174-176

Abstract : Ammonium glycerinate (one of the active substances in Radix Liquiritiae) reduced in rats the excretion of Cl from the organism after excessive administration of physiological saline. This phenomenon is not shown in animals with removed adrenals. The conclusion was reached, is that the given action of the glycerinic acid appears in the presence of small quantities of DOCA.

Card 1/1 1. *A Szegedi Orvostudományi Egyetem Kísérleti
Intézetének - 59 -
(Kísérleti Karabiz Isztván dr. egyetemi tanár)
Köszönet.*

DOMBAY, Margit, dr.

Histological changes of the nucleus amygdaleus in old age. Ideggyogy.
szemle 15 no.9:265-271 s '62.

1. A Budapesti Orvostudományi Egyetem Neurológiai Klinikájának (Igazgató:
Horányi Béla dr. egyetemi tanár) közleménye.
(AMYGDALOID BODY)

DOMEE, Yu.I., inzh.

Use of hermetic displacement type pumps in the chemical industry;
review of foreign designs. Khim. mashinostr. no. 6:36-40 N-D
'62. (MIRA 17:9)

GALITSKIY, B.A., inzh.; ABELEV, M.M.; KOLOSOVA, L.P.; TOROPOV,
V.A.; SHEVELKIN, B.N.; DOMBE, Yu.I., inzh., retsenzent;
SKVORTSOV, Ye.Ye., inzh., red.; TAIROVA, A.L., red. izd-
va; EL'KIND, V.D., tekhn. red.; MAKAROVA, L.A., tekhn.red.

[Titanium and its alloys in the chemical machinery industry]
Titan i ego splavy v khimicheskoy mashinostroyeni. [By] B.A.
Galitskii i dr. Moskva, Mashgiz, 1963. 263 p.
(MIRA 17:1)

DOMBE, Yu.I., inzh.

Pneumatic displacement type pumps for the chemical industry (review
of foreign designs). Khim.mashinostr. no.1:38-42 Ja-F '64.
(MIRA 17:4)

L 42052-65

ACCESSION NR: APS140975

UR/0286/65/015/007/0157/0157

AUTHOR: Donabe, Yu. I.

TITLE: Safety valve for mildly aggressive liquids. Class 47, No. 169959

SOURCE: Byulleten izobreteniy i tovarnykh znakov, no. 7, 1965, 157

TOPIC TAGS: valve, aggressive fluid, pump

ABSTRACT: This Author Certificate presents a safety valve for mildly aggressive liquids, consisting of a casing, a seat, and a spring-loaded stop (see Fig. 1 on the Enclosure). The valve is mounted on the main in parallel with the pressure gauge which disconnects the pump motor when the pressure is raised up to its limiting value. To increase its tightness, productivity, and working life, the valve is provided with a chamber separated from the pumped liquid by a movable diaphragm and filled with a neutral liquid. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 30Nov63

ENCL: 01

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 1/2

L 42052-65

ACCESSION NR: AP5010973

ENCLOSURE: 01

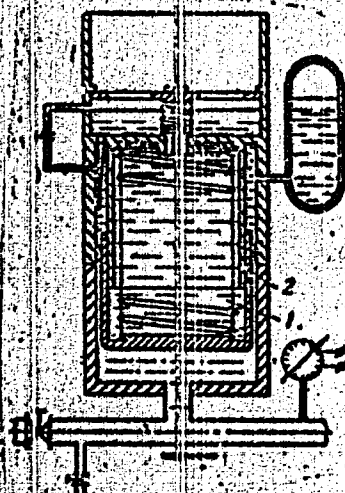


Fig. 1. 1- lower chamber; 2- diaphragm

Card 2/2

L 5273-66 EWT(d)/EWT(1)/EPH(s)-2/EWT(n)/EPF(c)/EPF(n)-2/EWP(v)/T-2/EWP(k)/EWP(b)/
 AGC NR: AP5022044 EWP(j)/ETC(m) SOURCE CODE: UR/0286/65/000/014/0115/0115

AUTHOR: Dombe, Yu. I.

ORG: none

TITLE: Diaphragm pump. Class 59, No. 173123

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 115

TOPIC TAGS: pump, diaphragm, valve

ABSTRACT: This Author Certificate presents a pump with two electrically operated diaphragms fixed within its body and dividing it into three parts. The diaphragms oscillate at opposite phases. Two working valves are also provided. To reduce the unevenness of the pump output, the working valves are placed in central openings of the diaphragms, with the closing elements oriented toward the direction of compression. To prevent dirt from collecting in the working diaphragms, the pump may be provided with a cleanout valve placed in line of suction.

SUB CODE: IE/ SUBM DATE: 30 Nov 63/ ORIG REF: 000/ OTH REF: 000

Card 1/1 UDC: 621.658-83

DOMBEK, R.

CZECHOSLOVAKIA / Virology. Human and Animal Viruses.
FM Virus.

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Abs Jour: Ref Zhur-Biol., No 2, 1959, 5324.

Author : Bohac, J.; Barok, B.; Dombek, R.; Hubic, R.;
Laznicka, F.

Inst : Not given.

Title : Hyperimmune Sera of Cattle and Convalescents'
Sera. Tests in Neutralizing Sera to Determine
the Quality of Commercial Prophylactic Sera.

Orig Pub: Veterin. med., 1958, 3, No 3, 179-186.

Abstract: No abstract.

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DOMEN, S.D.

Two cases of Botkin's disease in premature infants. Vop.okh.mat.i
det. 4 no.6187 N-D '59. (MIRA 13:4)

1. Iz Gor'kovskogo gosudarstvennogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS)
(INFANTS (PREMATURE)--DISEASES)

DOMBEK, S.D.

Unconditioned vascular reflexes in premature infants with pneumonia. Vop. okhr. mat. i det. 6 no. 1:25-31 Ja '61.

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1. Iz kafedry dets'kikh bolezney (zav. -- prof. F.D. Agafonov)
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issledovatel'skogo pediatricheskogo instituta (dir. N.P.
Zhukova) Ministerstva zdravookhraneniya RSFSR.
(INFANTS (PREMATURE)—DISEASES) (PNEUMONIA)
(CARDIOVASCULAR SYSTEM)

DOMBEK, S.D., kand.med.nauk

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F.D. Agafonov) Gor'kovskogo meditsinskogo instituta imeni
Kirova i Gor'kovskogo nauchno-issledovatel'skogo pediatricheskogo
instituta (dir. N.P. Zhukova.) Ministerstva zdravookhraneniya
RSFSR.

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DOMBEK, S.D.

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(MIRA 16:5)

1. Iz kafedry detskikh bolezney Gor'kovskogo meditsinskogo instituta i Gor'kovskogo nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR.
(INFANTS (PREMATURE))

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